



Amendment Transmittal

MDS Sciex, Inc.
1170 Veteran's Blvd
S. San Francisco, California 94080
(650) 635-4386

Docket No. 23US

In re application of: Vivian F. Liu et al.

Date: June 24, 2004

Application No.: 09/929,513

I hereby certify that this is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Filed: August 13, 2001

Group Art Unit: 1647

MS: Amendment

For: METHOD FOR ANALYZING CELLULAR EVENTS

Commissioner for Patents
P.O. Box 1450

THE ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Alexandria, VA 22313-1450

Signed:

Sir:

Transmitted herewith are the following documents in the above-identified application.

- ☒ Response to Restriction Requirement;
☒ Return Postcard.

If any extension of time is needed, then this response should be considered a petition therefor.
The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	*10	MINUS	** 20	= 0
INDEP.	* 1	MINUS	*** 2	= 0
[] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDIT. FEE		RATE	ADDIT. FEE
x \$9.00 =			x \$18.00 =	\$0
x \$42.00 =			x \$86.00 =	\$0
+ \$140.00 =			+ \$280.00 =	\$0
TOTAL ADDIT. FEE		OR	TOTAL	\$0

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, then write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

☒ No fee is due.

Please charge Deposit Account No. 502822 as follows:

☐ Claims fee \$ _____
☒ Any additional fees associated with this paper or during the pendency of this application.

NO extra copies of this sheet are enclosed.

MDS Sciex, INC.

Kevin Patrick Howard, PH.D., Reg. No.: 48,999

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Date of Deposit June 24, 2004

PATENT
Docket No.: -23US

By Enggar Threets
Enggar Threets



Docket No. 002300US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Vivian F. Liu et al.

Application No.: 09/929,513

Filed: August 13, 2001

For: **METHOD FOR ANALYZING CELLULAR
EVENTS**

Examiner: Nelson Yang

Art Unit: 1641

RESPONSE TO OFFICE
COMMUNICATION MAILED
25 March, 2004

Assistant Commissioner for Patents
Alexandria, VA 22313-1450

Examiner Yang:

In response to the Office Action of 25 March 2004, applicant requests reconsideration of the above-identified application in view of the following remarks.

Amendments:

Specification:

Please replace existing paragraph [0070] with the new paragraph provided below:

[0070] Ability of MCS to detect cellular activity has been demonstrated using a number of model systems. For example, the muscarinic m1 receptor that had been transfected into CHO_{k1} cells (Chinese ~~Ham~~ster Hamster Ovary wild-type cells) to form CHO_{m1} (transfected) cells was activated in the presence of agonists, and activation was inhibited in the presence of antagonists. In one such assay, CHO_{m1} and CHO_{k1} cells were treated with carbachol, a known activator of the m1 receptor. Differential activation of these cell types can readily be seen using the well-known L_{JL} fluorescent assay, and this differentiation of activity could be detected using MCS. There was some